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MENTS, AND A CORRESPONDING COMPUTER PROGRAM PRODUCT AND A CORRESPONDING COMPUTER-READ-  
ABLE STORAGE MEDIUM

(57) Abstract: In a method and an arrangement for automatic adjustment of devices having setting elements, and a corresponding computer program product and computer-readable storage medium, the adjustment comprises the following steps: (a) Carrying out a first measurement of a characteristic curve to be controlled by the adjustment at predefined measurement points, each setting element assuming a reference setting, (b) testing a termination condition and terminating the method if this condition is satisfied, executing the following steps if the terminating condition is not satisfied, (c) modifying the reference setting of a setting element and measuring the characteristic curve again at predefined measurement points for this configuration of the setting elements (d) reproducing the initial reference setting of the setting element modified in step (c), (e) when there is more than one setting element, (f) calculating the gradient functions of the characteristic curve, (g) calculating new settings of the setting elements by minimizing an error function by using the measured values obtained in steps (a) and (c) and the gradient functions calculated in step (f), and (h) carrying out the method again, beginning with step (a), the settings calculated in step (g) serving as the new reference setting.



WO 03/081349 A1